

**SCHEDA
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Sensations
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AkzoNobel


ALPHA LUMIMAX MAT SF

Smooth matt water-based wall paint, solvent-free, capable of increasing the brightness in indoor environments

Product features

Composition:

Based on synthetic resins in aqueous emulsion, pigments and selected fillers

Main properties:

- Amplifies the effect of light sources in indoor environments, being able to provide considerably higher levels of illuminance, according to the study carried out at the BRE (Building Research Establishment), based in the United Kingdom (report available on request)
- Opaque
- Low solvent content
- Washable
- Odorless

Physical characteristics

Viscosity:

Brookfield 2800 - 3200 cps at 20 ° C

Density (density): pH:

1.35 ± 0.05 kg / dm³

7 - 8

Solid content:

37 - 45% by volume; 52 - 65% by weight (depending on color)

Drying at 23 ° C / 65% RH:

Touch dry: 1 - 2 hours

Overcoating:

After 3 - 4 hours

Coloring:

Only with Akzo Nobel's Acomix tinting system using the W05 base

Packaging:

5 and 10 l

EU limit value for VOC content:(Cat. A / a): 30 g / l (2010). This product contains a maximum of 1 g / l of VOC

Physical values according to EN

13300 Brilliance:

G.3 Opaque

≤10 OJ 85 °; <5 GU 85 ° 50

Dry film thickness:

AND₂

µm

Particle size:

S.1 end

<100 µm

Hiding power:

Class 1

6 m² / l

Wet abrasion:

Class 2

≥ 5 µm <20 µm after 200 cycles



Method of use

Methods of application:

By roller, brush and airless spray.

Airless application: 0.46 - 0.53 mm (0.018 - 0.021 inch) nozzle

Pressure: 160 - 180 bar.

Dilution:

Max 15% by volume with water.

Surrender:

12 - 14 m²/l per hand.

The yield may vary according to the roughness, porosity and absorption characteristics of the substrates and the application system adopted.

Environmental conditions for application:

Temperature: 5 - 30 ° C; Relative humidity: max 85% The application of the product carried out in unsuitable environmental conditions negatively affects the drying times, compromising the optimal achievement of the aesthetic and performance characteristics.

Cleaning of tools:

With water immediately after use.

Storage:

In tightly closed packs, in a cool and dry place, away from frost and heat sources.

Warnings:

ALPHA LUMIMAX MAT SF must be applied on perfectly dry, cured and compact substrates.

To clean painted surfaces, we recommend using soft sponges and water mixed with POLYFILLA PRO S600 detergent in the ratio of 5 L of water and 35 ml of detergent. Avoid using abrasive rags or cloths and detergents containing alcohol or solvents of any kind.

Operations such as sanding, sandblasting or flame removal, etc., of old paint layers, can generate dangerous dust and / or fumes. Work in well-ventilated areas and necessarily wear suitable personal protective equipment.

For more information on the correct disposal, storage and handling of the product, please consult the relevant Safety Data Sheet.

Application systems

Preparation:

New plasters with civil finish and compact gypsum

- Apply a coat of ALPHA BL GROND diluted to a maximum of 30% by volume with water over the entire surface, in the color corresponding to the color of the finish.

Irregular gypsum plasters and skims never painted

- Even out the surfaces by smoothing them with POLYFILLA PRO E200 or ALPHA STUCCO; wait for it to dry completely and sand to eliminate smudges and excess grout; apply as a base coat of ALPHA BL GROND diluted up to 30% by volume with water, in the color corresponding to the color of the finish

New plasterboard

- Fill any holes and irregularities with POLYFILLA PRO F120, F200 or F210; wait for it to dry completely and sand to eliminate smudges and excess grout; apply a coat of ALPHATEX SF IMPREGNANT diluted 1: 4 with water over the entire surface



- After waiting for the total drying of IMPREGNANTE ALPHATEX SF, if the substrate shows stains of different colors, apply a preventive coat of ALPHA LUMIMAX MAT SF diluted to max 15% by brush or roller. by volume with water

Good quality old breathable or washable paints well anchored

- Fill any holes and irregularities with POLYFILLA PRO E200, F200 or F210; wait for it to dry completely and sand to eliminate smudges and excess grout; isolate the grouting with ALPHA BL GROND diluted up to 30% by volume with water
- Apply a coat of ALPHA BL GROND diluted to a maximum of 30% by volume with water over the entire surface, in the color corresponding to the color of the finish.

Old tempera paintings

- Removal of tempera paints by scraping them after having previously moistened them; isolate the surface with ALPHATEX SF IMPREGNANT diluted 1: 4 with water; even out the surfaces by smoothing them with POLYFILLA PRO E200
- Apply a coat of ALPHA BL GROND diluted to a maximum of 30% by volume with water over the entire surface, in the color corresponding to the color of the finish.

Finish:

- Apply two coats of ALPHA LUMIMAX MAT SF diluted to max. 15% by volume with water with an interval of at least 3 - 4 hours between one coat and the next

Please Note

All the information contained in this document is purely indicative and contains only some examples of support that do not represent the totality of the situations that in practice could be affected, therefore if it is necessary to intervene on supports not indicated or if further clarifications are necessary, we invite you to contact our Technical Assistance Service. Furthermore, for the correct preparation of the substrates and the application of the products, the rules for state-of-the-art installation apply, as reported in the Sikkens notebook "Preparation of masonry substrates", which we invite you to consult.

Wording to be included in the tender specifications and estimates

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| | |
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Class 1

Class 2

≤10 OJ 85 °; <5 GU 85 ° 50

µm

<100 µm

6 m² / l

≥ 5 µm <20 µm after 200 cycles

The effectiveness of our products and systems is based on years of practical experience and research conducted in our laboratories. We guarantee that the quality of the work carried out with our products meets the eligibility requirements set by Akzo Nobel Coatings SpA, provided that all the instructions given by us are correctly followed and the work has been carried out according to skill and professionalism. In the event that the final result has been negatively influenced by circumstances beyond our control, any and all liability is expressly excluded and declined. The buyer is obliged to check whether the delivered products are suitable for the intended use.

We reserve the right to modify the content of this document without prior notice. As soon as a new version of this datasheet is available, it will no longer be valid.

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